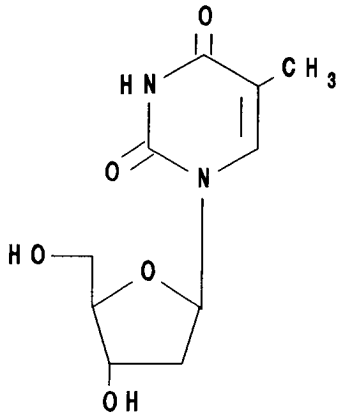
THYMIDINE

NSC - 21548



Chemical Name: 2,4(1H,3H)-pyrimidinedione, 1-(2-deoxy-β-D-ribofuranosyl)-5-methyl-

CAS Registry Number: 50-89-5

Molecular Formula: $C_{10}H_{14}N_2O_5$ **M.W.**: 242.2

How Supplied: Injection, 3%, 500 mL infusion bottle, in 0.6% Sodium Chloride Injection: Each milliliter of solution contains 30 milligrams of thymidine (15 gms total per bottle). The total amount of sodium is 51.5 mEq per bottle. The solution is isotonic having approximately 300 milliosmoles per liter and has a pH of 4.5 to 7.5.

Storage: Store the infusion bottles at room temperature. Do not refrigerate or freeze thymidine infusion solutions because precipitation is likely to occur.

Stability: The 3% infusion solution is stable for at least four years at room temperature.

> **CAUTION**: Do not use 3% thymidine infusion solution unless it is sparkling clear and a vacuum is present.

The addition of other medications to 3% thymidine injection is not advised because the chemical and physical effects have not been evaluated. Also, since the injection is formulated close to the limit of solubility for thymidine, addition of medication may cause a precipitate to form.

Route of Administration: Intravenous (by slow infusion)

> **NOTE**: The infusion bottle requires the use of a self-venting administration set. The use of an in-line filter does not affect the potency of this drug.